

CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

STATE	New Hampshire	FIELD OFFICE	All	DATE	July 2002
PRACTICE: 362 DIVERSION			NOTES:		
RESOURCE: SOIL					
RESOURCE CONCERN: EROSION					
RESOURCE INDICATORS			PHYSICAL EFFECTS		
SHEET AND RILL			slight reduction in sheet and rill erosion		
WIND			insignificant		
EPHEMERAL GULLY			significant reduction in ephemeral gully erosion		
CLASSIC GULLY			moderate reduction in classic gully erosion		
STREAMBANK			slight reduction in streambank erosion		
IRRIGATION INDUCED			N/A		
SOIL MASS MOVEMENT			moderate reduction in mass movement of soil		
ROADBANK/CONSTRUCTION			moderate decrease in roadbank construction erosion		
OTHER					
RESOURCE CONCERN: SOIL CONDITION					
SOIL TILTH			insignificant		
SOIL COMPACTION			insignificant		
SOIL CONTAMINATION					
• SALTS			N/A		
• ORGANICS			slight decrease in organic contaminants		
• FERTILIZERS			slight reduction in contamination from fertilizer		
• PESTICIDES			slight reduction in pesticide contam./soil		
• OTHER					
DEPOSITION/DAMAGE					
• ONSITE			significant reduction/onsite deposition damage		
• OFFSITE			significant decrease/offsite deposition damage		
DEPOSITION/SAFETY					
• ONSITE			significantly improve onsite safety/deposition		
• OFFSITE			sign. improve offsite safety hazard/deposition		
OTHER					
RESOURCE: WATER					
RESOURCE CONCERN: WATER QUANTITY					
SEEPS			moderate reduction in seepage hazard		
RUNOFF/FLOODING			sign. decrease in runoff/flooding		
EXCESS SUBSURFACE WATER			insignificant		
INADEQUATE OUTLETS			slight increase in H2O outlet concern		
WATER MGT. IRRIGATION					
• SURFACE			situational concerning IWM, surface		
• SPRINKLER			slight improvement in irrigation efficiency		
WATER MGT. NON-IRRIGATED			slight improvement in moisture use		
RESTRICTED FLOW CAPACITY (H2O convey.)					
• ONSITE			moderate improvement in onsite drainage		
• OFFSITE			moderate improvement in offsite drainage		
RESTRICTED STORAGE			sign. reduction in sedimentation of H2O storage		
OTHER					

RESOURCE: WATER	
RESOURCE CONCERN: WATER QUALITY	
RESOURCE	PHYSICAL EFFECTS
GROUNDWATER CONTAMINANTS	
• PESTICIDES	N/A
• NUTRIENTS AND ORGANICS	N/A
• SALINITY	N/A
• HEAVY METALS	N/A
• PATHOGENS	N/A
• OTHER	
SURFACE WATER CONTAMINANTS	
• PESTICIDES	insignificant
• NUTRIENTS AND ORGANICS	insignificant
• SUSPENDED SEDIMENTS	N/A
• LOW DISSOLVED OXYGEN	N/A
• SALINITY	N/A
• HEAVY METALS	N/A
• WATER TEMPERATURE	N/A
• PATHOGENS	N/A
AQUATIC HABITAT SUITABILITY	N/A
OTHER	
RESOURCE: AIR	
RESOURCE CONCERN: AIR QUALITY	
AIRBORNE SEDIMENT AND SMOKE PARTICLES	
• ONSITE SAFETY	N/A
• OFFSITE SAFETY	N/A
• ONSITE STRUCT. PROBLEMS	N/A
• OFFSITE STRUCT. PROBLEMS	N/A
• ONSITE HEALTH	N/A
• OFFSITE HEALTH	N/A
AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS	N/A
AIRBORNE CHEMICAL DRIFT	N/A
AIRBORNE ODORS	N/A
FUNGI, MOLDS, AND POLLEN	N/A
OTHER	
RESOURCE CONCERN: AIR CONDITION	
AIR TEMPERATURE	N/A
AIR MOVEMENT (windbreak effect)	N/A
HUMIDITY	N/A
OTHER	

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RESOURCE: HUMAN	
RESOURCE CONCERN: SOCIAL CONSIDERATIONS	
RESOURCE INDICATORS	PHYSICAL EFFECTS
PUBLIC HEALTH AND SAFETY	N/A
PRIVATE/PUBLIC VALUES	N/A
CLIENT CHARACTERISTICS	N/A
RISK TOLERANCE	N/A
TENURE	N/A
OTHER	
RESOURCE CONCERN: CULTURAL CONSIDERATIONS	
ABSENCE/PRESENCE OF CULTURAL RESOURCES	N/A
SIGNIFICANCE OF CULTURAL RESOURCES	N/A
MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	N/A
OTHER	